

Converting Colors

HunterLab(20.9598, -7.9647,
6.8933)

Have a look what the booklet for
HunterLab(20.9598, -7.9647, 6.8933)
contains.

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Color

**HunterLab(21.0505, -7.9574,
6.9232)**

Conversions

Conversions Part 1

Format	Color
Hex	2F4029
RGB	47, 64, 41
RGB Percent	18%, 25%, 16%
CMY	0.8157, 0.7490, 0.8392
CMYK	0.27, 0.00, 0.36, 0.75
HSL	104°, 22%, 21%
HSV	104°, 36%, 25%
XYZ	3.4059, 4.4312, 2.7736
YIQ	56.2950, -2.7490, -10.7570

Conversions

Conversions Part 2

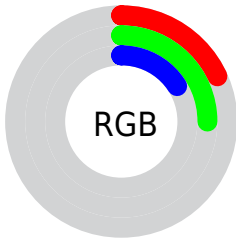
Format	Color
RYB	41, 64, 58
Decimal	3096617
CIELab	25.05, -12.09, 11.93
CIELCh	25, 16.984, 135.395
Yxy	4.4314, 0.3210, 0.4176
Android (android.graphics.Color)	4281286697 (0xFF2F4029)
YUV	56.2950, -7.5404, -8.1517
Hunter-Lab	21.0505, -7.9574, 6.9232

Details

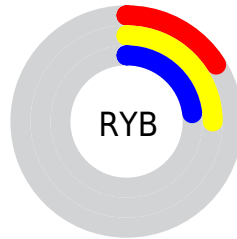
The HunterLab color **21.0505, -7.9574, 6.9232** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.8989, 7.0111, -6.4830**, and the grayscale version is **20.0128, -1.0678, 1.0873**.

A 20% lighter version of the original color is **38.1934, -10.8112, 9.6782**, and **7.5751, -6.4956, 4.5540** is the 20% darker color. If you saturate the color by 10%, you get **20.6976, -9.5129, 8.1207**, and if you desaturate by 10%, it is **21.4439, -6.2528, 5.5506**.

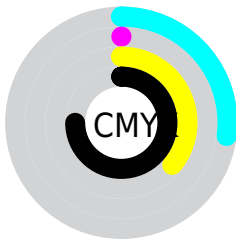
Distribution



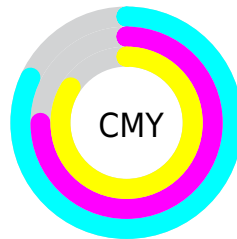
- Red (18%)
- Green (25%)
- Blue (16%)



- Red (16%)
- Yellow (25%)
- Blue (23%)



- Cyan (27%)
- Magenta (0%)
- Yellow (36%)
- Black (75%)



- Cyan (82%)
- Magenta (75%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0505, -7.9574, 6.9232 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 21.0505, -7.9574, 6.9232 by changing the saturation by 10% instead.

■ 21.0505, -7.9574,
6.9232

■ 21.0505, -7.9574,
6.9232

120.0785,
-19.2190, 18.1751

■ 13.8481, -6.5500,
5.4966

■ 38.1798, -10.5651,
9.5431

■ 7.4766, -7.4470,
5.2336

■ 47.9350, -11.8185,
10.7964

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.4032, -13.0566,
12.0323

0.0000, NaN, NaN

■ 69.5389, -14.2871,
13.2595

0.0000, NaN, NaN

■ 81.3042, -15.5153,
14.4838

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.6670, -16.7450,

106.5998,
-17.9789, 16.9390

21.0505, -7.9574,
6.9232

21.0505, -7.9574,
6.9232

20.6976, -9.5129,
8.1207

21.4439, -6.2528,
5.5506

20.3842, -10.9087,
9.1375

21.8760, -4.4081,
4.0099

20.1105, -12.1384,
9.9712

22.3463, -2.4354,
2.3104

19.8761, -13.1973,
10.6233

22.8540, -0.3463,
0.4623

19.6799, -14.0851,
11.1014

23.3979, 1.8473,
-1.5234

■ 19.5123, -14.8546,
11.5364

■ 23.9767, 4.1337,
-3.6354

■ 19.4508, -15.1416,
11.7204

■ 24.5890, 6.5019,
-5.8627

■ 25.2336, 8.9416,
-8.1944

■ 25.9090, 11.4433,
-10.6202

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



21.0510, -3.7858, 8.5644



21.0505, -7.9574, 6.9232



21.0510, -10.1811, 3.4666

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.0510, -7.9578, 6.9234



21.0510, -3.6554, -10.6906



21.0510, 9.7375, 3.5813

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21.0505, -7.9574, 6.9232



16.8989, 7.0111, -6.4830

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



21.0510, 9.7814, -1.4734



21.0505, -7.9574, 6.9232



21.0510, 1.6762, -10.6375

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.0510, -7.9578, 6.9234



21.0510, -7.8707, -7.0778



21.0510, 6.7100, -6.9472



21.0510, 6.5956, 6.9892

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.0505, -7.9574, 6.9232



21.0510, -10.4163, 0.2050



21.0510, 6.7100, -6.9472



21.0510, 10.1247, 2.0452

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21.0510, -7.9578, 6.9234



29.0880, -4.6724, 4.3129



20.6470, -1.3682, 6.6742



15.2524, -2.5177, 2.3198



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.0510, -7.9578, 6.9234



27.3109, -12.3357, 10.5504



20.8293, -8.6135, 5.2180



12.1475, -1.6215, 1.5155



29.5653, -23.5253, 17.8062



73.7849, -60.0817, 44.4141

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16.8989, 7.0111, -6.4830



20.5859, 12.0191, -11.3505



17.2858, 7.8276, -3.2340



11.5868, 0.3865, -0.2726



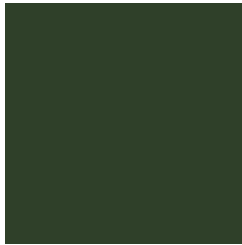
14.9150, 31.3163, -35.1205



36.7376, 77.6223, -90.2754

Previews

White Background



This preview shows how the HunterLab color 21.0505, -7.9574, 6.9232 looks on a white background.

Color Contrast Check

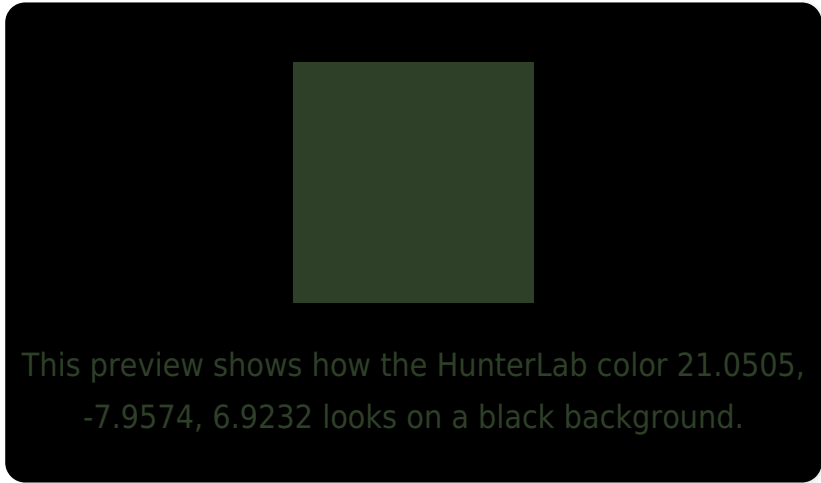
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

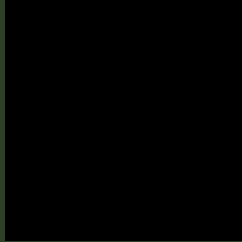
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 21.0505, -7.9574, 6.9232 Background



This preview shows how black text looks on a background with the HunterLab color 21.0505, -7.9574, 6.9232.



This preview shows how white text looks on a background with the HunterLab color 21.0505, -7.9574,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

21.0505, -7.9574, 6.9232

Protanopia

20.8911, -2.0019, 7.3905

Deuteranopia

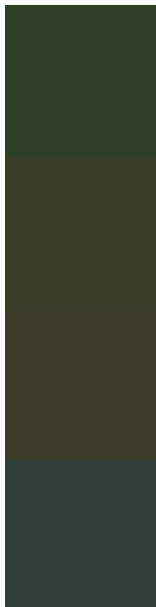
20.9828, 0.9232, 6.4876



Tritanopia

21.0586, -2.8000, -1.5845

Trichromacy



Original Color

21.0505, -7.9574, 6.9232

Protanomaly

20.9529, -4.3233, 7.1548

Deuteranomaly

21.0310, -2.6813, 6.7369

Tritanomaly

21.0209, -4.7178, 1.9524

Monochromacy



Original Color

21.0505, -7.9574, 6.9232

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.3072, -3.6326, 3.3054

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0505, -7.9574, 6.9232 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(47, 64, 41)` looks like.

```
.text, #text, p{  
    color:rgb(47, 64, 41)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(47, 64, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 64, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0505, -7.9574, 6.9232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(47, 64, 41) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(47, 64, 41) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(47, 64, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 64, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 64, 41);  
box-shadow:4px 4px 4px 4px rgb(47, 64, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0505, -7.9574, 6.9232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 64, 41) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(47, 64,  
41) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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